W. A. HARDMAN.

ATTACHMENT FOR SWEATBANDS OF HATS.

APPLICATION FILED MAR. 12, 1921.

1,434,743. Patented Nov. 7, 1922.

Fig. 1.

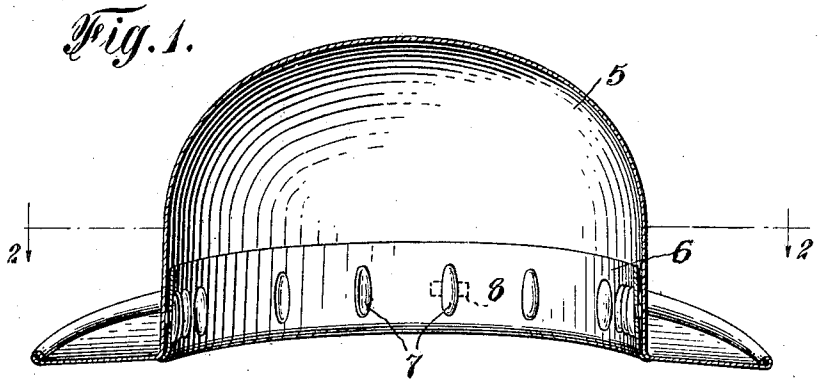


Fig. 2.

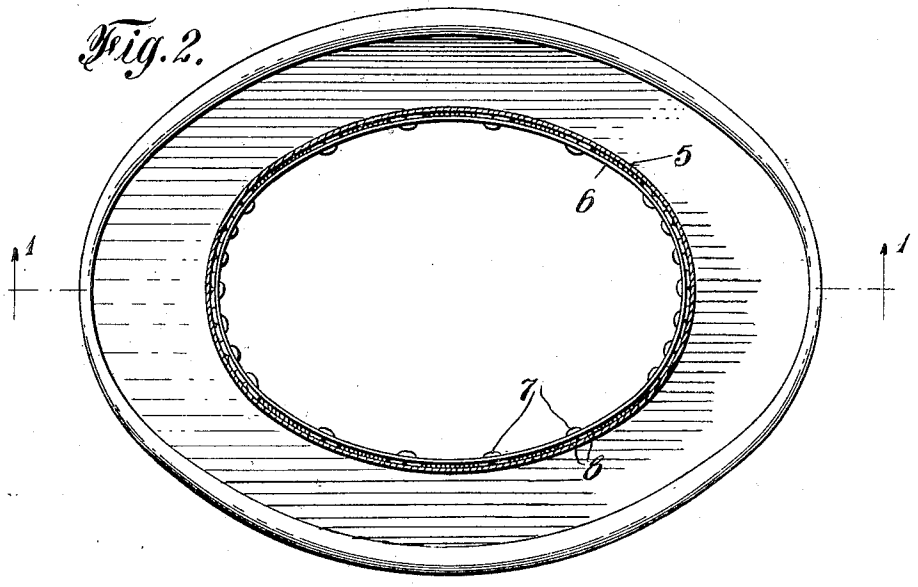
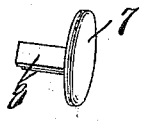


Fig. 3.



Inventor
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By- [signature]
Attorney

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UNITED STATES PATENT OFFICE.

WALTER A. HARDMAN, OF BROOKLYN, NEW YORK.

ATTACHMENT FOR SWEATBANDS OF HATS.

Application filed March 12, 1921. Serial No. 451,773.

To all whom it may concern:

Be it known that I, WALTER A. HARDMAN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Attachments for Sweatbands of Hats, of which the following is a specification.

My said invention relates to an attachment for sweat bands of hats and it is an object of the same to provide spacing means on the sweat band whereby the hat is held at a little distance from the head of the wearer.

It is a matter of common knowledge that baldness is more prevalent among men than among women and this condition is generally ascribed to the wearing of hats which prevent access of air to the scalp. Various remedies have been proposed for this condition, one of these being to perforate a hard hat so as to provide ventilation for the scalp. Such remedies, however, have not proved effective in use and it is now quite generally agreed among the medical profession that the greater amount of baldness is due not to the want of ventilation but to the insufficient flow of blood to the blood vessels that supply the hair. Due to lack of blood the hair is not sufficiently nourished and the result of such lack of nourishment is the same as would occur in any other part of the body which does not receive its normal quota of the circulation; i. e., anemia and death of the starved part. The diminution in the supply of blood is due to the use of tight fitting hats which compress the blood vessels and the harder the hat the more effectively they are compressed and the greater the danger of ensuing baldness. This view of the case is supported by the fact that women's hats which do not fit the head tightly do not cause baldness.

Primative men did not grow bald, neither do the savages who do not wear men's hats of modern type. Baldness below the sweatband of the hat is also rarely seen in men.

Referring to the accompanying drawings, which are made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 shows a vertical section of the hat on line 1—1 of Figure 2 with my improvements applied thereto,

Figure 2 shows a horizontal section on line 2—2 of Figure 1, and

Figure 3 shows a detail of one of the improved devices.

In the drawings reference character 5 indicates a hat of conventional form and which may be of any modern type as worn in the more highly civilized countries. 6 indicates the sweat band of the hat and 7 indicates my improved devices applied thereto. These devices are preferably substantially elliptical in shape as seen in an endwise view and are rounded at the end which bears against the head of the wearer so as to offer no sharp edges. The heads of the device may be made of yielding or unyielding material as preferred, though I at present prefer to make them entirely of metal. They are held in place by legs 8 which may be inserted through openings in the sweat band and spread as shown in Figure 1 to prevent removal.

While I have shown a preferred means for holding the device in place I do not wish to limit myself thereto as other means will occur to those skilled in the art. Neither do I limit myself to the particular form of the device in general nor to the location of the device on a sweat band, as shown in Figure 2. Preferably I space the projections substantially as shown with those at the sides an inch or more apart and equally distant from each other for the sake of symmetry. At the front and back of the head I preferably space the projections only about one-fourth of an inch apart to minimize discomfort to the wearer. It is also desirable to have them rather close together at the front so as to distribute the pressure on the forehead and thus prevent the formation of creases or furrows which will be apparent when the hat is removed. By placing the projections relatively close together it will be possible to eliminate such creases by gently rubbing the forehead with the finger. All of the projections should be placed about one-fourth of an inch from the lower end of the sweat band to be invisible when the hat is worn and so that they will lie flat against the band in use.

I am aware also that other devices have been proposed to be used in connection with the sweat bands of hats for a similar purpose to that of my invention. While some of these devices have been founded on a correct theory they have either been ineffective to remedy the condition or impracticable in use

because too expensive or because they prevented the hat from being held firmly on the head or for other reasons. My device is effective if persistently used, inexpensive and inconspicuous. It can be attached by an unskilled person to any hat, cap, helmet, or other head dress that is liable to fit too tight in use and will not prevent the same from being held with sufficient force in its place on the head. While it is not a primary object of the same to provide ventilation it will be evident that sufficient air for necessary ventilation will pass between the head and the hat due to the slight spacing provided by the use of my devices.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent, is:

1. A hat having a sweat band and devices for spacing the hat from the head of the wearer comprising rounded elliptical metallic heads extending transversely of the sweatband and contacting with the head of the wearer and means for fastening them to the sweatband in spaced relation to each other, substantially as set forth.

2. In a hat, a sweat band having perforations and spacing devices in said perforations comprising rounded elliptical heads extending transversely of the band and having legs engaging said perforations and adapted to be spread apart to prevent removal thereof, substantially as set forth.

3. A device for attachment to the sweat band of a hat for holding the hat spaced from the head, comprising an elliptical head having flexible legs extending rearwardly therefrom for engagement with the sweat band, substantially as set forth.

In witness whereof, I have hereunto set my hand and seal at Brooklyn, New York this 9th day of March, A. D. nineteen hundred and twenty-one.

WALTER A. HARDMAN. [L. S.]

Witnesses:
MATILDA FAETH,
BLANCHE NICOLOSI.